Checklist for Equivalency

Airport Firefighter

NFPA 1003 (1992)

Illinois Administrative Code, Section 140.55

_____12-1.1 Identify the Scope and Purpose of NFPA 1003. (1-1) (1-2)

_____12-1.2 Identify the State Certification requirements for Certified Airport Firefighter. (1-3.1) (1-3.2) (1-3.3) (1-3.4) (1-3.5) (3-1.2) (2-1) (2-2) (3-1.1)

_____12-1.3 Define the following:

- _____a. Aircraft Accident
- _____b. Aircraft Incident
- _____c. Airport Firefighter (3-1.1)
- _____d. Authority Having Jurisdiction
- _____e. Protective clothing for ARFF (1-4)

_____12-2.1 Identify the runway and taxiway identification systems. (3-2.2.1)

_____12-2.2 Identify the on-field lighting color code/marking system. (3-2.2.1)

_____12-2.3 Identify airport rules and regulations concerning vehicle movement and access. (3-2.2.1)

_____12-2.4. Identify the function of the airport control tower. (3-2.2.1)

_____12-2.5 List the proper steps used during the aircraft crash notification requirement. (3-2.3.1)

_____12-2.6 Identify tower light signals for vehicle movement. (3-2.4.1)

_____12-2.7 Identify alert and standby policies. (3-2.5.1)

_____12-3.1 Identify the four (4) types of aircraft. (3-3.11)

_____12-3.2 Identify the structural components used in aircraft construction. (3-3.1.1) (3-4.2.1)

_____12-3.3 Identify the construction materials used in aircraft construction. (3-3.1.1) (3-4.2.1)

_____12-3.4 Identify the types of engines used on aircraft. (3-3.1.1)

_____12-3.5 Given an aircraft type, indicate:

_____a. the location of fuel tanks
_____b. the amount of fuel carried
_____c. the amount of fuel used (3-3.1)

_____12-3.6 Given an aircraft type, identify the components of:

_____a. aircraft oxygen system
_____b. aircraft hydraulic system
_____c. aircraft electrical system
_____d. aircraft anti-icing system (3-3.1)

_____12-3.7 Identify the different types of ejection seat systems associated with military aircraft. (3-4.2.1)

_____12-3.8 Given an aircraft type, identify the locations of normal doors, emergency exit openings, evacuation slides, and other egress systems on various types of aircraft. (3-3.1.1)

_____12-3.9 Given an aircraft type, list the proper shut-down procedure for that aircraft. (3-3.1.1)

_____12-3.10 Recognize and define aircraft terminology. (3-3.1.1)

_____12-4.1 Identify the Response Duties of an Airport Firefighter. (3-2.1)

_____12-4.2 Identify Fire Behavior of aircraft fuel in pools. (3-3.2.1) (3-3.3.1)

_____12-4.3 Identify physical properties of aircraft fuel. (3-3.2.1) (3-3.3.1)

_____12-4.4 Identify fire behavior of aircraft fuels in three-dimensional and atomized states. (3-3.5.1)

_____12-4.5 Given a scenario, describe initial operation of ARFF vehicles. (3-3.4.1)

_____12-5.1 Identify the extinguishing properties of agents used in aircraft fire fighting. (3-3.2)

_____12.5.2 Identify the compatibilities of extinguishing agents. (3-3.2)

_____12.5.3. Identify the extinguishing agent used by the local airport. (3-3.2)

_____12.5.4 Identify the types of eductors used in aircraft fire fighting. (3-3.2)

_____12.5.5 Identify appliances used in aircraft fire fighting. (3-3.2)

_____12.5.6 Identify the different types of nozzles used in aircraft fire fighting. (3-3.2)

_____12.5.7 Given an eductor or appliance, explain its use in supplying extinguishing agents in supply lines and attack lines. (3-3.2)

_____12.5.8 Describe the methods of application for different extinguishing agents. (3-3.2) (3-3.2.1) (3-3.5.1) (3-3.8.1)

_____12.5.9 Identify the types of fuels used different types of aircraft. (3-3.1)

_____12-6.1 Identify proper firefighting and rescue techniques used during aircraft crash operations. (3-3.1) (3-4.1)

_____12-6.2 Identify tactical considerations for responding to aircraft crashes involving private aircraft. (3-3.1)

_____12-6.3 Identify tactical considerations for responding to aircraft crashes involving commercial aircraft. (3-3.1)

_____12-6.4 Identify tactical considerations for responding to aircraft crashes involving military aircraft. (3-3.1)

_____12-6.5 Identify tactical considerations for responding to aircraft emergencies not involving fire. (3-3.1)

_____12-6.6 Identify the process of evidence preservation at the scene of an aircraft crash. (3-5.2)

_____12.6.7 Identify all the safety precautions involved in responding to an aircraft incident involving fire, and non-fire emergencies.

_____12-7.1 Identify forcible entry tools. (3-4.3.1)

_____12-7.2 Identify the access (entry) areas of various types of military and civilian aircraft. (3-3.2.1)

_____12-7.3 Identify the methods of forcible entry used to enter various types of aircraft. (3-3.2.1)

_____12-7.4 Identify the difference in forcible entry techniques for pressurized and non-pressurized aircraft. (3-3.2.1)

_____12-7.5 Identify the types of aircraft crashes. (3-3.2.1)

_____12-7.6 List the differences between aircraft crashes and fires and structural fires. (3-3.2.1)

_____12-7.7 List the special problems pertaining to aircraft crashes. (3-3.2.1)

_____12-8.1 Identify pre-fire planning for aircraft disasters. (3-2.3.1)

_____12-8.2 Identify communications and command post operations by using the I.C.S. System. (3-2.3.1)

_____12-8.3 Recognize and utilize local law enforcement agencies. (3-5.1)

_____12-8.4 Identify the Airport Firefighters' role in the local emergency plan.